

NM SLD Radiochemistry Lab Data BW Samples 2008

BWSI-00; -02; -03; -04; -05; -06; -07;
-08; -09; -10; -11; -12; -13; -14; -15;
-16; -17; -18; -19; -20; -21; -22; -23; -24;
-25; -26; -27; -28; -29; -30; -33; -34;
-35; -38; -39; -40.



SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 1, 2008

Request

ID No. 2419406

ANALYTICAL REPORT

SLD Accession No. RC-2008-0299

Distribution

- (x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD Files

To: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502

Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: RIVERA, SABINO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 15:15	In/Near: Milan	BWSI-00

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	-0.8	0.3	0.7	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	-0.8	0.3	0.7	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	2.2	0.6	1.0	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	2.2	0.6	1.0	pCi/L	Crowell	900
15262-20-1	Radium-228, SDWA Method	-0.08	0.09	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

10/1/2008

Supervisor, Radiochemistry Section

10/4/2008 Field blank




NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per SampleOne Form
Per Sample

RC0800299

LAB
USE>>>
ONLY
2419406DATE
<<<TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55410 (GWB - pollution prevention)☐ 55420 (DWB - non-reg. contaminants)☐ 55910 (SWQB - MS)☐ 64000 (Individual client fee-for-service)☐ 55920 (SWQB - PSRS)☐ OTHER (enter 5-digit user code)

LAB USE - SAMPLE TEMPERATURE (deg. C):

10

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)

3

SUBMITTER CODE (3-digit):

WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME:

Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BL05I-00

DATE COLLECTED (MM-DD-YY):

08/27/08

BY: Last Name:

Rivera

TIME COLLECTED (HH:MM 24-hr):

15:15

First Name:

S. G. W.

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

AND
REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR
LAB
USE☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08 / JLE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419406

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419405

ANALYTICAL REPORT

SLD Accession No. RC-2008-0298

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: DIXON, EARLE	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 11:24	In/Near: Milan	BWSI-02

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	1.9	0.7	1.3	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	2.5	1.0	1.8	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	12.6	1.4	1.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	12.0	1.3	1.4	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	-0.03	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.31	0.11	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

11/12/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

2419405One Form
Per Sample

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

One Form
Per Sample**RC0800298**LAB
USE>>
ONLYDATE
<<<TIME
STAMP

- ☒ 55321 (GWB - remediation superfund)
☐ 55410 (GWB - pollution prevention)
☐ 55910 (SWQB - MS)
☐ 55920 (SWQB - PSRS)

- ☐ 55000 (DWB - SDWA - fee-for service)
☐ 55420 (DWB - non-reg. contaminants)
☐ 64000 (Individual client fee-for service)
☐ OTHER (enter 5-digit user code)

LAB USE - SAMPLE TEMPERATURE (deg. C):

10

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)

3

SUBMITTER CODE (3-digit):

WSS CODE (xxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME:

Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BWSJ-02

DATE COLLECTED (MM-DD-YY):

8/25/08

BY:

Last Name:

Don

TIME COLLECTED (HH:MM 24-hr):

11:24

First Name:

Farrle

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR

LAB

USE

☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08 / JLE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419405was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 28, 2008

Request

ID No. 2419402

ANALYTICAL REPORT

SLD Accession No. RC-2008-0289

Distribution

(x) User 55321
(x) Submitter 541
. Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: DIXON, EARLE	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:30	In/Near: Milan	BWSI-03

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	7.3	1.1	1.7	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	8.6	1.3	1.9	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	9.4	1.3	2.1	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	9.1	1.3	2.1	pCi/L	Crowell	900
07440-61-1	Uranium, Mass Concentration	9.	0.9	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.24	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.20	0.11	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".



Reviewed By:

Nidal Jadalla

10/28/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

RC0800289

LAB USE>>> ONLY 2419402	DATE <<<TIME STAMP 9	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 9		SITE ID (DWB = 4-digit, SWQB = 13-chars):	
SUBMITTER CODE (3-digit): 777		WSS CODE (xxxxxxx):	
FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891			
FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM			
SAMPLING LOCATION: BWSI-03			
DATE COLLECTED (MM-DD-YY): 08/25/08		BY: Last Name: Dyson Dixon	
TIME COLLECTED (HH:MM 24-hr): 10:30		First Name: Earle	
SAMPLE INFO CONTACT Phone: 476-3777		Name if not collector: David L. Mayerson	
<input type="checkbox"/> New / Change Address for Submitter		Name: NMED/GWQB/SOS	
<input type="checkbox"/> New / Change Address for WSS / Client		Address: 1190 St. Francis Dr. N2300	
<input type="checkbox"/> Send an additional report to		City: Santa Fe, NM 87502	
FIELD DATA AND REMARKS <input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C): Field remarks:			
SAMPLING DOCUMENTATION <input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite <input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization			
SAMPLE TYPE <input type="radio"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="radio"/> Soil/Sediment <input type="radio"/> Sludge <input type="radio"/> Blood <input type="radio"/> Urine <input type="radio"/> Tissue <input type="radio"/> Saliva <input type="radio"/> Swipe/Smear <input type="radio"/> Other air/liquid/solid Describe:			
PRESERVATION <input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added <input checked="" type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:			
HM ANALYSES LIST			
OR ANALYSES LIST			
RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)			
WC ANALYSES LIST			
ADDITIONAL ANALYSES			
FOR LAB USE <input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input checked="" type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08/JLE Lab Remarks:			

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419402 was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

Signature Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419414

ANALYTICAL REPORT

SLD Accession No. RC-2008-0295

Distribution

- (x) User 55321
- (x) Submitter 541
- . Client 0-0
- (x) SLD Files

To: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/26/2008	By: BALL, JUSTIN	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 15:45	In/Near: Milan	BWSI-04

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	4.9	0.8	1.1	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	6.2	1.0	1.4	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	7.6	1.0	1.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	7.2	1.0	1.4	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, Total	0.91	0.04	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, Total	0.37	0.40	0.58	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

Request ID: Here

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

Lab Accession # Here

One Form
Per SampleOne Form
Per Sample

RC0800295

LAB USE>> ONLY 2419414	DATE <<<TIME STAMP 14	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C):	14		
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)	3		

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-04

DATE COLLECTED (MM-DD-YY): 8/26/08	BY: Last Name: Ball
TIME COLLECTED (HH:MM 24-hr): 15:45	First Name: Justin
SAMPLE INFO CONTACT Phone: 476-3777	Name if not collector: David L. Mayerson
<input type="checkbox"/> New / Change Address for Submitter ----->	Name: NMED/GWQB/SOS
<input type="checkbox"/> New / Change Address for WSS / Client ----->	Address: 1190 St. Francis Dr. N2300
<input type="checkbox"/> Send an additional report to ----->	City: Santa Fe, NM 87502

FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite

☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterization

SAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear

☐ Other air/liquid/solid Describe:

PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added

☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08 / JLE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419414

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419404

ANALYTICAL REPORT

SLD Accession No. RC-2008-0297

Distribution

- (x) User 55321
- (x) Submitter 541
- Client 0-0
- (x) SLD Files

To: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: DIXON, EARLE	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 14:34	In/Near: Milan	BWSI-05

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	10.4	1.3	1.6	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	13.8	1.8	2.1	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	14.8	1.6	2.0	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	14.0	1.5	1.9	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	12.0	1.2	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	-0.05	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.41	0.11	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

11/12/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

One Form
Per Sample

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

One Form
Per Sample

RC0800297

LAB USE>>> ONLY 2419404	DATE <<<TIME STAMP 10	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input checked="" type="radio"/> 55410 (GWB - pollution prevention) <input checked="" type="radio"/> 55910 (SWQB - MS) <input checked="" type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 10		SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3	
SUBMITTER CODE (3-digit): 511		WSS CODE (xxxxxxx): 777 SITE ID (DWB = 4-digit, SWQB = 13-chars):	
FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891			
FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM , or change to: NM			
SAMPLING LOCATION: PWSI - 05			
DATE COLLECTED (MM-DD-YY): 08/25/08		BY: Last Name: Dixon	
TIME COLLECTED (HH:MM 24-hr): 14:34		First Name: Earle	
SAMPLE INFO CONTACT Phone: 476-3777		Name if not collector: David L. Mayerson	
<input type="checkbox"/> New / Change Address for Submitter ----->		Name: NMED/GWQB/SOS	
<input type="checkbox"/> New / Change Address for WSS / Client ----->		Address: 1190 St. Francis Dr. N2300	
<input type="checkbox"/> Send an additional report to ----->		City: Santa Fe, NM 87502	
FIELD DATA <input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):			
AND REMARKS Field remarks:			
SAMPLING DOCUMENTATION <input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite			
<input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization			
SAMPLE TYPE <input type="checkbox"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="checkbox"/> Soil/Sediment <input type="checkbox"/> Sludge <input type="checkbox"/> Blood <input type="checkbox"/> Urine <input type="checkbox"/> Tissue <input type="checkbox"/> Saliva <input type="checkbox"/> Swipe/Smear			
<input type="checkbox"/> Other air/liquid/solid Describe:			
PRESERVATION <input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4 C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added			
<input checked="" type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:			
HM ANALYSES LIST			
OR ANALYSES LIST			
RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)			
WC ANALYSES LIST			
ADDITIONAL ANALYSES			
FOR LAB USE <input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input checked="" type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial: 27 AUG 08 / JDE			
Lab Remarks:			

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on <u>8/27/08</u> at <u>15:35</u> the sample identified on the container(s) and this form by Request ID number <u>2419404</u>	
was transferred with evidentiary seal(s) (check applicable box) <input type="radio"/> Not Present <input type="radio"/> Present & Intact <input type="radio"/> Present & Damaged	
Released by: <u>[Signature]</u> Signature	& Received by: <u>[Signature]</u> Signature
Additional Transfer If Applicable	
We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____	
was transferred with evidentiary seal(s) (check applicable box) <input type="radio"/> Not Present <input type="radio"/> Present & Intact <input type="radio"/> Present & Damaged	
Released by: _____ Signature	& Received by: _____ Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 23, 2008

Request

ID No. 2419400

ANALYTICAL REPORT

SLD Accession No. RC-2008-0287

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: PASTERIS, AL	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:45	In/Near: Milan	BWSI-06

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	4.0	0.7	1.1	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	4.9	0.9	1.3	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	2.3	0.9	1.6	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	2.3	0.9	1.6	pCi/L	Crowell	900
13982-63-3	Radium-226, SDWA Method	0.19	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.27	0.11	0.13	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

10/23/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

One Form
Per Sample

One Form
Per Sample

Request ID # Here

RC0800287

LAB USE>>> ONLY 2419400	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service)
		<input type="radio"/> 55410 (GWB - pollution prevention)	<input type="radio"/> 55420 (DWB - non-reg. contaminants)
LAB USE - SAMPLE TEMPERATURE (deg. C): 9		<input type="radio"/> 55910 (SWQB - MS)	<input type="radio"/> 64000 (Individual client fee-for-service)
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3		<input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> OTHER (enter 5-digit user code)
SUBMITTER CODE (3-digit): 541	WSS CODE (xxxxxxx):	SITE ID (DWB = 4-digit, SWQB = 13-chars):	
FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891			
FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM			
SAMPLING LOCATION: BW5I-06			
DATE COLLECTED (MM-DD-YY): 8/25/08	BY: Last Name: Pasteris		
TIME COLLECTED (HH:MM 24-hr): 10:45	First Name: A1		
SAMPLE INFO CONTACT Phone: 476-3777	Name if not collector: David L. Mayerson		
<input type="checkbox"/> New / Change Address for Submitter	Name: NMED/GWQB/SOS		
<input type="checkbox"/> New / Change Address for WSS / Client	Address: 1190 St. Francis Dr. N2300		
<input type="checkbox"/> Send an additional report to	City: Santa Fe, NM 87502		
FIELD DATA AND REMARKS	<input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):		
Field remarks:			
SAMPLING DOCUMENTATION	<input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite		
	<input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization		
SAMPLE TYPE	<input type="radio"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="radio"/> Soil/Sediment <input type="radio"/> Sludge <input type="radio"/> Blood <input type="radio"/> Urine <input type="radio"/> Tissue <input type="radio"/> Saliva <input type="radio"/> Swipe/Smear		
	<input type="radio"/> Other air/liquid/solid Describe:		
PRESERVATION	<input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added		
	<input checked="" type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:		
HM ANALYSES LIST			
OR ANALYSES LIST			
RC ANALYSES LIST	803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)		
WC ANALYSES LIST			
ADDITIONAL ANALYSES			
FOR LAB USE	<input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input checked="" type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial: 22 Aug JLE		
Lab Remarks:			

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241940 was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

Signature Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419408

ANALYTICAL REPORT

SLD Accession No. RC-2008-0301

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA


COLLECTION		LOCATION
On: 8/26/2008	By: BALL, JUSTIN	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:05	In/Near: Milan	BWSI-07

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	6.3	1.2	2.1	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	8.4	1.6	2.7	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	15.2	1.6	2.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	14.4	1.5	2.3	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	12.	1.2	1.0	uG/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.08	0.07	0.06	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.25	0.10	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +/- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per SampleOne Form
Per Sample

RC0800301

LAB
USE>> 2419408
ONLYDATE
<<<TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55410 (GWB - pollution prevention)☐ 55420 (DWB - non-reg. contaminants)

LAB USE - SAMPLE TEMPERATURE (deg. C):

12

☐ 55910 (SWQB - MS)☐ 64000 (Individual client fee-for-service)

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)

3

☐ 55920 (SWQB - PSRS)☐ OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME:

Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BWS107

DATE COLLECTED (MM-DD-YY):

8/26/08

BY:

Last Name:

Ball

TIME COLLECTED (HH:MM 24-hr):

10:05

First Name:

Justin

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR
LAB
USE☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08 / JLC

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419408

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] Signature

& Received by: [Signature] Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ Signature

& Received by: _____ Signature

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 5, 2008

Request

ID No. 2419409

ANALYTICAL REPORT

SLD Accession No. RC-2008-0302

Distribution

(x) User 55321
(x) Submitter 541
. Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/26/2008	By: RIVERA, SABINO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 9:03	In/Near: Milan	BWSI-08

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	1.8	0.8	1.6	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	2.0	0.9	1.8	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	5.6	1.0	1.9	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.6	1.0	1.9	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	-0.01	0.03	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	-0.01	0.11	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

12/2/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

One Form
Per SampleOne Form
Per Sample

RC0800302

LAB USE>>> ONLY 2419409	DATE <<<TIME STAMP 15	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C):	3		
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)			

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-08

DATE COLLECTED (MM-DD-YY): 8/24/08 BY: Last Name: Rivera
TIME COLLECTED (HH:MM 24-hr): 9:03 First Name: Sabino

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client Address: 1190 St. Francis Dr. N2300☐ Send an additional report to City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite
☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear
☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added
☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08 / RE
Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241940
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & DamagedReleased by: [Signature] & Received by: [Signature]
Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____
Date Timewas transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & DamagedReleased by: _____ & Received by: _____
Signature Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419412

ANALYTICAL REPORT

SLD Accession No. RC-2008-0293

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/26/2008	By: RIVERA, SABINO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 11:44	In/Near: Milan	BWSI-09

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	4.2	0.7	1.1	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	5.3	1.0	1.4	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	6.0	1.0	1.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.7	0.9	1.4	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	-0.01	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.10	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

11/17/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

Lab Accession # Here

One Form
Per SampleOne Form
Per Sample

RC0800293

LAB USE>>> ONLY 2419412	DATE <<<TIME STAMP 12	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C):	12		
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)	3		

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-09

DATE COLLECTED (MM-DD-YY): 8/26/08 BY: Last Name: Rivera

TIME COLLECTED (HH:MM 24-hr): 11:44 AM First Name: Salino

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter -----> Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client -----> Address: 1190 St. Francis Dr. N2300☐ Send an additional report to -----> City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

AND REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08 / JVB

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241941

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: Signature & Received by: Signature

Additional Transfer If Applicable

We, the undersigned, certify that on at the sample identified on the container(s) and this form by Request ID number

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: Signature & Received by: Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419410

ANALYTICAL REPORT

SLD Accession No. RC-2008-0291

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/26/2008	By: MAYERSON, DAVID	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 9:14	In/Near: Milan	BWSI-10

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	5.1	1.0	1.6	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	5.8	1.1	1.8	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	2.6	1.1	2.1	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	2.5	1.1	2.1	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.05	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.39	0.11	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: *Nidal Jadalla*

Nidal Jadalla

11/12/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per Sample

One Form
Per Sample

RC0800291

LAB USE>>> ONLY 2419410	DATE <<<TIME STAMP 9	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C):	3		
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3			

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-10

DATE COLLECTED (MM-DD-YY): 8/26/08 BY: Last Name: Mayerson

TIME COLLECTED (HH:MM 24-hr): 9:14 First Name: David

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client Address: 1190 St. Francis Dr. N2300☐ Send an additional report to City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

AND REMARKS Field remarks:

SAMPLING ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ CompositeDOCUMENTATION ☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/SmearTYPE ☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08/JLE

LAB USE Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419410

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

Signature

Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419411

ANALYTICAL REPORT

SLD Accession No. RC-2008-0292

Distribution

- (x) User 55321
- (x) Submitter 541
- Client 0-0
- (x) SLD Files

To: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502

User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

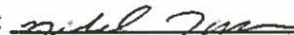
COLLECTION		LOCATION
On: 8/26/2008	By: MAYERSON, DAVID	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 9:55	In/Near: Milan	BWSI-11

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	2.5	0.6	1.1	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	3.1	0.7	1.3	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	4.4	0.9	1.4	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	4.2	0.8	1.4	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.01	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.03	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

11/12/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

RC0800292

LAB
USE>>>
ONLY 2419411DATE
<<<TIME
STAMP

- ☒ 55321 (GWB - remediation superfund)
☐ 55410 (GWB - pollution prevention)
☐ 55910 (SWQB - MS)
☐ 55920 (SWQB - PSRS)

- ☐ 55000 (DWB - SDWA - fee-for-service)
☐ 55420 (DWB - non-reg. contaminants)
☐ 64000 (Individual client fee-for-service)
☐ OTHER (enter 5-digit user code)

LAB USE - SAMPLE TEMPERATURE (deg. C):

9

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)

3

SUBMITTER CODE (3-digit):

541

WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME:

Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BWSI-11

DATE COLLECTED (MM-DD-YY):

08/26/08

BY:

Last Name:

Mayerson

TIME COLLECTED (HH:MM 24-hr):

9:55

First Name:

David

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

AND
REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☐ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR
LAB
USE☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08 / JRE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419411was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

& Received by:

Signature

Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 3, 2008

Request

ID No. 2819423

ANALYTICAL REPORT

SLD Accession No. RC-2008-0309

Distribution

- (x) User 55321
- (x) Submitter 541
- Client 0-0
- (x) SLD Files

To: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: JETTER, STEVE	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 11:25	In/Near: Milan	BWSI-12

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	4.1	0.7	1.0	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	5.2	0.9	1.2	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	6.7	1.1	1.7	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	6.5	1.0	1.7	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.23	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.15	0.11	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

12/3/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # **2419423**Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per SampleOne Form
Per Sample

RC0800309

LAB USE>>> ONLY 2419423	DATE <<<TIME STAMP 25 AUG 2008	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input checked="" type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C):	8		
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)	3		

SUBMITTER CODE (3-digit): **541** WSS CODE (xxxxxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: **Cibola** City: **Milan** State: **NM**, or change to: **NM**SAMPLING LOCATION: **BWS1-12**DATE COLLECTED (MM-DD-YY): **8/27/08** BY: Last Name: **Jettler**
TIME COLLECTED (HH:MM 24-hr): **11:25** First Name: **Steve**SAMPLE INFO CONTACT Phone: **476-3777** Name if not collector: **David L. Mayerson**
☐ New / Change Address for Submitter -----> Name: **NMED/GWQB/SOS**
☐ New / Change Address for WSS / Client -----> Address: **1190 St. Francis Dr. N2300**
☐ Send an additional report to -----> City: **Santa Fe, NM 87502**FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):
REMARKS Field remarks:SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite
☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: **site characterization**SAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear
☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added
☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: **29 Aug 08 mc**
Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on **8/29/08** at **11:51** the sample identified on the container(s) and this form by Request ID number **2419423**
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged
Released by: **[Signature]** & Received by: **[Signature]**
Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged
Released by: _____ & Received by: _____
Signature Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

Distribution

January 12, 2009

. User 55321

. Submitter 541

. Client 0-0

(x) SLD Files

ANALYTICAL REPORT

Request

ID No. 2419424

SLD Accession No. RC- 2008-0306

To: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700User: NMED GWQ Bureau Abatement and Assessment
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Submitter: NMED - Ground Water Pollution
P.O. Box 26110
Santa Fe, NM 87502Client: Equivalent to leaving field blank
City not listed,**DEMOGRAPHIC DATA**COLLECTION
On: 8/27/2008 By: STEVE JETTER
At: 12:50 In/Near: MilanLOCATION
Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
BWSI-13**Analytical Results**

<u>CAS No.</u>	<u>Analyte</u>	<u>Valu</u>	<u>Sigma</u>	<u>D.</u>	<u>Units</u>	<u>Analyst</u>	<u>Method</u>
12587-46-1	Gross Alpha w/ Am-241 Reference	5.2	0.8	1.3	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	6.1	1.0	1.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	5.9	1.2	2.0	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.7	1.1	2.0	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.09	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.24	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per SampleOne Form
Per SampleLAB
USE>>> 2419424 08 AUG 2008
ONLYDATE
<<<TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55410 (GWB - pollution prevention)☐ 55420 (DWB - non-reg. contaminants)

LAB USE - SAMPLE TEMPERATURE (deg. C):

☐ 55910 (SWQB - MS)☐ 64000 (Individual client fee-for-service)

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3

☐ 55920 (SWQB - PSRS)☐ OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION: BWSI-13

DATE COLLECTED (MM-DD-YY):

08-27-08

BY:

Last Name:

Jettler

TIME COLLECTED (HH:MM 24-hr):

12:50

First Name:

Steve

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR

☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☐ Preserved to pH < 2 at Lab

Date/Initial:

LAB

USE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 11:51 the sample identified on the container(s) and this form by Request ID number 2419424

Date Time

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on at the sample identified on the container(s) and this form by Request ID number

Date Time

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196-4700700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

Distribution

January 12, 2009

. User 55321

. Submitter 541

. Client 0-0

(x) SLD Files

ANALYTICAL REPORT

Request

ID No. 2419422

SLD Accession No. RC- 2008-0307

To: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700User: NMED GWQ Bureau Abatement and Assessment
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Submitter: NMED - Ground Water Pollution
P.O. Box 26110
Santa Fe, NM 87502Client: Equivalent to leaving field blank
City not listed,DEMOGRAPHIC DATAOn: 8/27/2008 By: STEVE JETTER
At: 10:10 In/Near: MilanFacility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
BWSI-14Analytical Results

CAS No.	Analyte	Valu	Sigma	D.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	7.4	1.0	1.3	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	8.9	1.2	1.6	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	5.9	1.2	2.1	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.8	1.1	2.0	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	13.	1.3	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.38	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.29	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:


Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH		CHEMISTRY BUREAU		ANALYTICAL REQUEST FORM (INTERACTIVE)	
Request ID # Here		Scientific Laboratory Division 700 Camino de Salud NE - PO Box 4700 Albuquerque, NM 87196 - 4700 Phone 505 841 2500		Lab Accession # Here	
One Form Per Sample				One Form Per Sample	
LAB USE>>> ONLY  2419422		DATE AUG 29 2008 TIME 11:51 STAMP		<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	
LAB USE - SAMPLE TEMPERATURE (deg. C): SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3		<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)			
SUBMITTER CODE (3-digit): 541		WSS CODE (xxxxxxxx):		SITE ID (DWB = 4-digit, SWQB = 13-chars):	
FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891					
FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM					
SAMPLING LOCATION: BW5I-14					
DATE COLLECTED (MM-DD-YY): 8/27/08		BY: Last Name: Tetter			
TIME COLLECTED (HH:MM 24-hr): 10:10		First Name: Steve			
SAMPLE INFO CONTACT Phone: 476-3777		Name if not collector: David L. Mayerson			
<input type="checkbox"/> New / Change Address for Submitter		Name: NMED/GWQB/SOS			
<input type="checkbox"/> New / Change Address for WSS / Client		Address: 1190 St. Francis Dr. N2300			
<input type="checkbox"/> Send an additional report to		City: Santa Fe, NM 87502			
FIELD DATA <input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):					
REMARKS Field remarks:					
SAMPLING DOCUMENTATION <input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite <input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization					
SAMPLE TYPE <input type="radio"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="radio"/> Soil/Sediment <input type="radio"/> Sludge <input type="radio"/> Blood <input type="radio"/> Urine <input type="radio"/> Tissue <input type="radio"/> Saliva <input type="radio"/> Swipe/Smear <input type="radio"/> Other air/liquid/solid Describe:					
PRESERVATION <input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4 C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added <input checked="" type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:					
HM ANALYSES LIST OR ANALYSES LIST RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.) WC ANALYSES LIST ADDITIONAL ANALYSES					
FOR LAB USE <input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial:					
Lab Remarks:					

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:51 the sample identified on the container(s) and this form by Request ID number 2419422 was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by: [Signature] Signature & Received by: [Signature] Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ Signature & Received by: _____ Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 28, 2008

Request

ID No. 2419399

ANALYTICAL REPORT

SLD Accession No. RC-2008-0286

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION

On: 8/25/2008 By: BALL, JUSTIN
At: 14:04 In/Near: Milan

LOCATION

Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
BWSI-15

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	6.7	0.9	1.1	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	8.6	1.2	1.4	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	5.5	1.1	1.7	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.3	1.0	1.6	pCi/L	Crowell	900
07440-61-1	Uranium, Mass Concentration	11.	1.1	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.16	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.07	0.10	0.13	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as + one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

10/28/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Association # Here

One Form
Per SampleOne Form
Per Sample

RC0800286

LAB
USE>>
ONLY 2419399DATE
<<<TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55410 (GWB - pollution prevention)☐ 55910 (SWQB - MS)☐ 55920 (SWQB - PSRS)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55420 (DWB - non-reg. contaminants)☐ 64000 (Individual client fee-for-service)☐ OTHER (enter 5-digit user code)

LAB USE - SAMPLE TEMPERATURE (deg. C): 11

SAMPLE PRIORITY: (1, 2, 3 - call lab if 1 or 2) 3

SUBMITTER CODE (3-digit): 777

WSS CODE (xxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BLUSE - 15

DATE COLLECTED (MM-DD-YY):

8/25/03

BY:

Last Name:

J. Bull

TIME COLLECTED (HH:MM 24-hr):

14:04

First Name:

Justin

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR
LAB
USE☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08 / JTB

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419399

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 16, 2008

Request

ID No. 2419417

ANALYTICAL REPORT

SLD Accession No. RC-2008-0280

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: ORTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:33	In/Near: Milan	BWSI-16

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	5.1	0.9	1.2	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	6.7	1.2	1.5	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	6.2	1.2	1.8	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.9	1.1	1.8	pCi/L	Crowell	900
13982-63-3	Radium-226, SDWA Method	0.14	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.00	0.09	0.13	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

10/16/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

One Form
Per SampleCHEMISTRY BUREAU
Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

Lab Accession # Here

One Form
Per Sample

RC0800280

LAB USE>>> ONLY	DATE <<< TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service)
2419417		<input type="radio"/> 55410 (GWB - pollution prevention)	<input type="radio"/> 55420 (DWB - non-reg. contaminants)
LAB USE - SAMPLE TEMPERATURE (deg. C):		<input type="radio"/> 55910 (SWQB - MS)	<input type="radio"/> 64000 (Individual client fee-for-service)
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)	3	<input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSE-16

DATE COLLECTED (MM-DD-YY): 5/27/08 BY: Last Name: Ontelli

TIME COLLECTED (HH:MM 24-hr): 10:33 First Name: Angelo

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client Address: 1190 St. Francis Dr. N2300☐ Send an additional report to City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08 / JRE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241941

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: Signature & Received by: Signature

Additional Transfer If Applicable

We, the undersigned, certify that on at the sample identified on the container(s) and this form by Request ID number

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: Signature & Received by: Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419430

ANALYTICAL REPORT

SLD Accession No. RC-2008-0311

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/28/2008	By: ONTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:20	In/Near: Milan	BWSI-17

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	3.6	0.6	0.9	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	4.2	0.7	1.1	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	2.2	0.9	1.7	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	2.2	0.9	1.7	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.05	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.06	0.10	0.16	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

Lab # Here

Lab Accession # Here

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

RC0800311

2419430

LAB USE>>> ONLY 02 AUG 2008 11:52 DATE <<<TIME STAMP

LAB USE - SAMPLE TEMPERATURE (deg. C): 10

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3

☒ 55321 (GWB - remediation superfund)☐ 55410 (GWB - pollution prevention)☐ 55910 (SWQB - MS)☐ 55920 (SWQB - PSRS)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55420 (DWB - non-reg. contaminants)☐ 64000 (Individual client fee-for-service)☐ OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 544 WSS CODE (xxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION: BWSF-17

DATE COLLECTED (MM-DD-YY):

8/28/08

BY: Last Name:

Ortelli

TIME COLLECTED (HH:MM 24-hr):

10:20

First Name:

Angelo

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated ☐ Chlorinated Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None ☐ Shipped at <4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR

LAB

USE

☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

29 Aug 08 mc

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:52 the sample identified on the container(s) and this form by Request ID number 2419430

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by: [Signature] Signature

& Received by: [Signature] Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ Signature

& Received by: _____ Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419432

ANALYTICAL REPORT

SLD Accession No. RC-2008-0304

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/28/2008	By: ORTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 11:55	In/Near: Milan	BWSI-18

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	1.5	0.8	1.6	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	1.8	0.9	1.9	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	4.1	1.0	1.9	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	4.0	1.0	1.9	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.05	0.03	0.02	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.25	0.10	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

Lab Accession # Here

One Form
Per Sample

One Form
Per Sample

RC0800304

2419432

LAB USE>>> ONLY	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service)
		<input type="radio"/> 55410 (GWB - pollution prevention)	<input type="radio"/> 55420 (DWB - non-reg. contaminants)
LAB USE - SAMPLE TEMPERATURE (deg. C):	11	<input type="radio"/> 55910 (SWQB - MS)	<input type="radio"/> 64000 (Individual client fee-for-service)
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)	3	<input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-18

DATE COLLECTED (MM-DD-YY): 8/28/08 BY: Last Name: Ontelli

TIME COLLECTED (HH:MM 24-hr): 11:55 First Name: Angelo

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter -----> Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client -----> Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to -----> City: Santa Fe, NM 87502

FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite

☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterization

SAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear

☐ Other air/liquid/solid Describe:

PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added

☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 29 Aug 08 MC

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:51 the sample identified on the container(s) and this form by Request ID number 2419432

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged.

Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419431

ANALYTICAL REPORT

SLD Accession No. RC-2008-0308

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/28/2008	By: ONTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 9:15	In/Near: Milan	BWSI-19

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	5.3	0.8	1.3	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	6.2	1.0	1.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	10.5	1.3	2.2	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	10.3	1.3	2.2	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.08	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.14	0.10	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +/- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

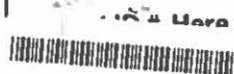
12/3/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)



2419431

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

RC0800308

LAB USE>>> ONLY 08 AUG 2011 11:51	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 8			
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3			

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: RW51 - 19

DATE COLLECTED (MM-DD-YY): 8/28/08	BY: Last Name: Ontell:
TIME COLLECTED (HH:MM 24-hr): 9:15	First Name: Angelo
SAMPLE INFO CONTACT Phone: 476-3777	Name if not collector: David L. Mayerson
<input type="checkbox"/> New / Change Address for Submitter	Name: NMED/GWQB/SOS
<input type="checkbox"/> New / Change Address for WSS / Client	Address: 1190 St. Francis Dr. N2300
<input type="checkbox"/> Send an additional report to	City: Santa Fe, NM 87502

FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):
AND
REMARKS Field remarks:SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite
☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear
☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added
☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 29 Aug 08 mrc
Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:51 the sample identified on the container(s) and this form by Request ID number 2419431
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged
Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged
Released by: _____ & Received by: _____

Print Form

Form last modified on 03/17/08

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419433

ANALYTICAL REPORT

SLD Accession No. RC-2008-0305

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/28/2008	By: ORTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 13:55	In/Near: Milan	BWSI-20

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	6.5	0.9	1.3	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	7.5	1.0	1.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	5.1	1.1	2.0	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.0	1.1	2.0	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	10.	1.0	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.11	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.15	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

One Form
Per Sample

One Form
Per Sample

RC0800305

2419433

LAB USE>>> ONLY	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service)
		<input type="radio"/> 55410 (GWB - pollution prevention)	<input type="radio"/> 55420 (DWB - non-reg. contaminants)
LAB USE - SAMPLE TEMPERATURE (deg. C):	11	<input type="radio"/> 55910 (SWQB - MS)	<input type="radio"/> 64000 (Individual client fee-for-service)
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)	3	<input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> OTHER (enter 5-digit user code)
SUBMITTER CODE (3-digit):	541	WSS CODE (xxxxxxxx):	SITE ID (DWB = 4-digit, SWQB = 13-chars):
FACILITY / WSS NAME:	Bluewater uranium mill CERCLIS ID NMD007106891		
FACILITY LOCATION (if no WSS complete boxes):	County:	Cibola	City: Milan State: NM, or change to: NM
SAMPLING LOCATION:	BWSI - 20		
DATE COLLECTED (MM-DD-YY):	8/28/08	BY: Last Name:	Artelli:
TIME COLLECTED (HH:MM 24-hr):	13:55	First Name:	Angelo
SAMPLE INFO CONTACT Phone:	476-3777	Name if not collector:	David L. Mayerson
<input type="checkbox"/> New / Change Address for Submitter	Name: NMED/GWQB/SOS		
<input type="checkbox"/> New / Change Address for WSS / Client	Address: 1190 St. Francis Dr. N2300		
<input type="checkbox"/> Send an additional report to	City: Santa Fe, NM 87502		
FIELD DATA AND REMARKS	<input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated Residual (mg/l):	pH:	Conductivity (uS/cm): Temperature (deg. C):
Field remarks:			
SAMPLING DOCUMENTATION	<input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite		
	<input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization		
SAMPLE TYPE	<input type="radio"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="radio"/> Soil/Sediment <input type="radio"/> Sludge <input type="radio"/> Blood <input type="radio"/> Urine <input type="radio"/> Tissue <input type="radio"/> Saliva <input type="radio"/> Swipe/Smear		
	<input type="radio"/> Other air/liquid/solid Describe:		
PRESERVATION	<input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4 C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added		
	<input checked="" type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:		
HM ANALYSES LIST			
OR ANALYSES LIST			
RC ANALYSES LIST	803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)		
WC ANALYSES LIST			
ADDITIONAL ANALYSES			
FOR LAB USE	<input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input checked="" type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial: 29 Aug 08 mc		
Lab Remarks:			

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:51 the sample identified on the container(s) and this form by Request ID number 2419433 was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419403

ANALYTICAL REPORT

SLD Accession No. RC-2008-0290

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: BALL, JUSTIN	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 9:24	In/Near: Milan	BSW-21

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	7.2	1.0	1.3	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	8.8	1.3	1.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	5.0	1.0	1.6	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	4.9	1.0	1.6	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	11.0	1.1	1.0	uG/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.19	0.03	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.01	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

11/20/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

One Form
Per SampleOne Form
Per Sample

RC0800290

LAB USE>>> ONLY 2419403	DATE <<<TIME STAMP 11	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 11		SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3	
SUBMITTER CODE (3-digit): 777		WSS CODE (xxxxxxx):	SITE ID (DWB = 4-digit, SWQB = 13-chars):
FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891			
FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM			
SAMPLING LOCATION: B50W-21			
DATE COLLECTED (MM-DD-YY): 8/25/08		BY: Last Name: Ball	
TIME COLLECTED (HH:MM 24-hr): 0924		First Name: Justin	
SAMPLE INFO CONTACT Phone: 476-3777		Name if not collector: David L. Mayerson	
<input type="checkbox"/> New / Change Address for Submitter		Name: NMED/GWQB/SOS	
<input type="checkbox"/> New / Change Address for WSS / Client		Address: 1190 St. Francis Dr. N2300	
<input type="checkbox"/> Send an additional report to		City: Santa Fe, NM 87502	
FIELD DATA <input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):			
REMARKS Field remarks:			
SAMPLING DOCUMENTATION <input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite			
<input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization			
SAMPLE TYPE <input type="radio"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="radio"/> Soil/Sediment <input type="radio"/> Sludge <input type="radio"/> Blood <input type="radio"/> Urine <input type="radio"/> Tissue <input type="radio"/> Saliva <input type="radio"/> Swipe/Smear			
<input type="radio"/> Other air/liquid/solid Describe:			
PRESERVATION <input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4 C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added			
<input checked="" type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:			
HM ANALYSES LIST			
OR ANALYSES LIST			
RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)			
WC ANALYSES LIST			
ADDITIONAL ANALYSES			
FOR LAB USE <input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input checked="" type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial: 22 Aug 08/rt			
Lab Remarks:			

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241940 was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: _____

Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

Signature Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 23, 2008

Request

ID No. 2419398

ANALYTICAL REPORT

SLD Accession No. RC-2008-0285

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: MAYERSON, DAVID	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:51	In/Near: Milan	BWSI-22

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	4.0	0.7	1.0	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	4.7	0.8	1.1	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	2.0	0.8	1.6	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	2.0	0.8	1.6	pCi/L	Crowell	900
13982-63-3	Radium-226, SDWA Method	0.15	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.04	0.09	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".



Reviewed By:

Nidal Jadalla

10/23/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

One Form
Per Sample

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

Lab Accession # Here

One Form
Per Sample

RC0800285

LAB
USE>: ONLY 2419398DATE
<<<TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55410 (GWB - pollution prevention)☐ 55910 (SWQB - MST)☐ 55920 (SWQB - PSRS)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55420 (DWB - non-reg. contaminants)☐ 64000 (Individual client fee for-service)☐ OTHER (enter 5-digit user code)

LAB USE - SAMPLE TEMPERATURE (deg. C): 11

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3

SUBMITTER CODE (3-digit): 54

WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

DUSI-22

DATE COLLECTED (MM-DD-YY):

8/25/08

BY: Last Name:

David Mayerson

TIME COLLECTED (HH:MM 24-hr):

10:51

First Name:

David

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR

LAB

USE

☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08 / JLG

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419398

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 10, 2008

Request

ID No. 2419401

ANALYTICAL REPORT

SLD Accession No. RC-2008-0288

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: MAYERSON, DAVID	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 11:42	In/Near: Milan	BWSI-23

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	12.6	1.5	1.6	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	15.5	1.8	2.0	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	13.6	1.7	2.2	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	13.0	1.6	2.1	pCi/L	Crowell	900
07440-61-1	Uranium, Mass Concentration	12.	1.2	1.0	uG/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.20	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.22	0.11	0.15	pCi/L	Ewing	904.0

Notations & Comments:

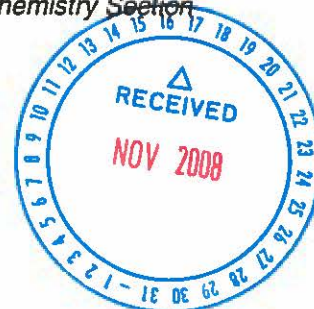
Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

10/28/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

Lab Accession # Here



RC0800288

LAB USE>>> ONLY 2419401	DATE <<<TIME STAMP 9/25/08 11:42	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 9			
SAMPLE PRIORITY: (1, 2, 3 - fill Lab if 1 or 2) 3			

SUBMITTER CODE (3-digit): 777 WSS CODE (xxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-23

DATE COLLECTED (MM-DD-YY): 9/25/08 BY: Last Name: Mayerson
TIME COLLECTED (HH:MM 24-hr): 11:42 First Name: David

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter -----> Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client -----> Address: 1190 St. Francis Dr. N2300☐ Send an additional report to -----> City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite
☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear
☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added
☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08 / JLE
Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 9/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419401
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged
Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged
Released by: _____ & Received by: _____

Print Form

Form last modified on 03/17/09

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419407

ANALYTICAL REPORT

SLD Accession No. RC-2008-0300

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/25/2008	By: ORTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 12:46	In/Near: Milan	BWSI-24

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	11.3	1.3	1.7	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	14.0	1.6	2.1	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	16.6	1.6	2.0	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	16.1	1.5	2.0	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	14.0	1.4	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.32	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.41	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

11/17/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per SampleOne Form
Per Sample

Lab Accession # Here

LAB
USE>>> 
ONLY **2419407**DATE
<<<TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55410 (GWB - pollution prevention)☐ 55910 (SWQB - MS)☐ 55920 (SWQB - PSRS)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55420 (DWB - non-reg. contaminants)☐ 64000 (Individual client fee-for-service)☐ OTHER (enter 5-digit user code)**RC0800300**

LAB USE - SAMPLE TEMPERATURE (deg. C):

10

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)

3

SUBMITTER CODE (3-digit):

549

WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME:

Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BOWSE - 24

DATE COLLECTED (MM-DD-YY):

08/25/08

BY:

Last Name:

Chtelli

TIME COLLECTED (HH:MM 24-hr):

12:46

First Name:

Angelo

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR

☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08/JTE

LAB

USE Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241940was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

January 6, 2009

Request

ID No. 2419426

ANALYTICAL REPORT

SLD Accession No. RC-2008-0313

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: EARLE DIXON	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 17:00	In/Near: Milan	BWSI-25

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	-0.7	0.5	1.2	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	-0.9	0.6	1.6	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	5.2	0.9	1.6	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	5.0	0.9	1.5	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	-0.06	0.03	0.02	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.29	0.11	0.17	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".



Reviewed By:

Nidal Jadalla

1/6/2009

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

Request ID # 2419426

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

Lab Accession # None

One Form
Per Sample

One Form
Per Sample

RC0800313

LAB USE>>> ONLY 08 AUG 29 11:52	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 9			
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3			

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI - 25

DATE COLLECTED (MM-DD-YY): 8/27/08 BY: Last Name: Dixon, First Name: Earle

TIME COLLECTED (HH:MM 24-hr): 17:00

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client Address: 1190 St. Francis Dr. N2300☐ Send an additional report to City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

AND REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 29 Aug 08 mc

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:52 the sample identified on the container(s) and this form by Request ID number 2419426

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on at the sample identified on the container(s) and this form by Request ID number

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419427

ANALYTICAL REPORT

SLD Accession No. RC-2008-0312

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION	
On: 8/27/2008	By: DIXON, EARLE	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891	
At: 11:20	In/Near: Milan	BWSI-26	

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	-1.1	0.5	1.4	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	-1.4	0.7	1.8	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	1.0	1.1	2.1	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	1.0	1.0	2.1	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, Total	1.65	0.01	0.11	pCi/L	Valdez	903.1
15262-20-1	Radium-228, Total	4.0	4.5	6.2	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per Sample

One Form
Per Sample

2419427

RC0800312

LAB USE>>> ONLY	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C):	10		
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)	3		

SUBMITTER CODE (3-digit): 941 WSS CODE (xxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-26

DATE COLLECTED (MM-DD-YY): 8/27/08 BY: Last Name: Dixon

TIME COLLECTED (HH:MM 24-hr): 11:20 First Name: Earle

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client Address: 1190 St. Francis Dr. N2300☐ Send an additional report to City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ CompositeDOCUMENTATION ☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/SmearTYPE ☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 29 Aug 08 mc

USE Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:52 the sample identified on the container(s) and this form by Request ID number 2419427

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on at the sample identified on the container(s) and this form by Request ID number

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: & Received by:

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419428

ANALYTICAL REPORT

SLD Accession No. RC-2008-0314

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: DIXON, EARLE	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 14:30	In/Near: Milan	BWSI-27

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	8.8	1.7	1.7	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	12.0	2.3	2.3	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	20.0	2.8	2.2	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	18.7	2.6	2.1	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	27.0	2.7	5.0	ug/L	Patel	200.8
13966-29-5	Uranium-234, by Alpha Spec.	6.91	0.25	0.15	pCi/L	Ewing	7500-UC
07440-61-1	Uranium-238, by Alpha Spec.	7.61	0.27	0.10	pCi/L	Ewing	7500-UC
13982-63-3	Radium-226, Total	0.09	0.06	0.02	pCi/L	Valdez	903.1
15262-20-1	Radium-228, Total	0.93	0.85	1.2	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Laboratory Comments:

Sample contained a small amount of black sediment.

Reviewed By: 

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID #

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per SampleOne Form
Per Sample

2419428



RC0800314

LAB
USE>>>
ONLY 08 AUG 29 AM 11:52
DATE
<<< TIME
STAMP

LAB USE - SAMPLE TEMPERATURE (deg. C): 11

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3

☒ 55321 (GWB - remediation superfund)☐ 55410 (GWB - pollution prevention)☐ 55910 (SWQB - MS)☐ 55920 (SWQB - PSRS)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55420 (DWB - non-reg. contaminants)☐ 64000 (Individual client fee-for-service)☐ OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI - 27

DATE COLLECTED (MM-DD-YY): 8/27/08

BY: Last Name: D:kan

TIME COLLECTED (HH:MM 24-hr): 14:30

First Name: Earle

SAMPLE INFO CONTACT Phone: 476-3777

Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to

City: Santa Fe, NM 87502

FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ CompositeDOCUMENTATION ☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/SmearTYPE ☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 29 Aug 08 mc

LAB USE Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:52 the sample identified on the container(s) and this form by Request ID number 2419428

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by: [Signature] Signature

& Received by: [Signature] Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ Signature

& Received by: _____ Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419415

ANALYTICAL REPORT

SLD Accession No. RC-2008-0296

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/26/2008	By: ORTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 16:02	In/Near: Milan	BWSI-28

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	0.9	0.5	1.0	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	1.0	0.5	1.1	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	3.4	0.8	1.4	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	3.4	0.8	1.3	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.01	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	-0.02	0.09	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

11/17/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID# Here

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

Accession # Here

RC0800296

LAB
USE>>> 2419415
ONLYDATE
<<<TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55410 (GWB - pollution prevention)☐ 55420 (DWB - non-reg. contaminants)

LAB USE - SAMPLE TEMPERATURE (deg. C):

15

☐ 55910 (SWQB - MS)☐ 64000 (Individual client fee-for-service)

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)

3

☐ 55920 (SWQB - PSRS)☐ OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit):

54

WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME:

Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BWSI-28

DATE COLLECTED (MM-DD-YY):

8/26/08

BY: Last Name:

Ortelli

TIME COLLECTED (HH:MM 24-hr):

16:02

First Name:

Angelo

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

AND
REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva☐ Swipe/Smear

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☐ None☐ Shipped at < 4 C☐ HCl added to pH < 2☒ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☐ Lab to acidify☐ NaOH added to pH > 12☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR
LAB
USE☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

27 Aug 08 / J.E.

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241941

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Print Form

Form last modified on 03/17/08

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 23, 2008

Request

ID No. 2419421

ANALYTICAL REPORT

SLD Accession No. RC-2008-0284

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: BALL, JUSTIN	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:21	In/Near: Milan	BWSI-29

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	7.5	1.4	2.6	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	8.6	1.6	2.9	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	16.0	2.4	4.4	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	15.8	2.4	4.3	pCi/L	Crowell	900
07440-61-1	Uranium, Mass Concentration	8.	0.8	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.25	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.22	0.09	0.13	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".



Reviewed By:

Nidal Jadalla

10/23/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

RC0800284

LAB USE>>> ONLY 2419421	DATE <<<TIME STAMP 14	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 14			
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3			

SUBMITTER CODE (3-digit): **541** WSS CODE (xxxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: **Cibola** City: **Milan** State: **NM**, or change to:SAMPLING LOCATION: **BWSI - 29**DATE COLLECTED (MM-DD-YY): **8/27/08** BY: Last Name: **Ba II**
TIME COLLECTED (HH:MM 24-hr): **10:21** First Name: **Justin**SAMPLE INFO CONTACT Phone: **476-3777** Name if not collector: **David L. Mayerson**☐ New / Change Address for Submitter ----->Name: **NMED/GWQB/SOS**☐ New / Change Address for WSS / Client ----->Address: **1190 St. Francis Dr. N2300**☐ Send an additional report to ----->City: **Santa Fe, NM 87502**FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):
AND
REMARKS Field remarks:SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite
☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: **site characterization**SAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear
☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added
☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: **27Aug08/JRE**
Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on **8/27/08** at **15:35** the sample identified on the container(s) and this form by Request ID number **2419421** was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: **[Signature]** & Received by: **[Signature]**

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 3, 2008

Request

ID No. 2419419

ANALYTICAL REPORT

SLD Accession No. RC-2008-0282

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

BY:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: MAYERSON, DAVID	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 10:56	In/Near: Milan	BWSI-30

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	13.6	1.7	2.6	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	15.6	1.9	2.9	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	12.5	2.4	4.4	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	12.3	2.3	4.3	pCi/L	Crowell	900
07440-61-1	Uranium, Mass Concentration	15.	1.5	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.04	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.28	0.10	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla
Supervisor, Radiochemistry Section

11/3/2008



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

Lab Accession #

One Form
Per SampleOne Form
Per Sample

RC0800282

LAB USE>>> ONLY	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service)
2419419		<input type="radio"/> 55410 (GWB - pollution prevention)	<input type="radio"/> 55420 (DWB - non-reg. contaminants)
LAB USE - SAMPLE TEMPERATURE (deg. C): 14		<input type="radio"/> 55910 (SWQB - MS)	<input type="radio"/> 64000 (Individual client fee-for-service)
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3		<input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxx): SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI - 30

DATE COLLECTED (MM-DD-YY): 8/27/08 BY: Last Name: Mayerson

TIME COLLECTED (HH:MM 24-hr): 10:56 First Name: David

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter -----> Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client -----> Address: 1190 St. Francis Dr. N2300☐ Send an additional report to -----> City: Santa Fe, NM 87502FIELD DATA AND REMARKS ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08/JLE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:55 the sample identified on the container(s) and this form by Request ID number 2419419

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

Signature Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

July 20, 2009

Request

ID No. 2424881

ANALYTICAL REPORT

SLD Accession No. RC-2009-0061

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 5469
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 5469
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on April 03, 2009

Client:

JUL 24 2009

BY: _____

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 4/1/2009	By: EARLE DIXON	Facility: SAN MATEO CREEK BASIN SITE INVESTIGATION
At: 13:22	In/Near: Milan	SMC-32

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	56.0	4.4	1.5	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	72.6	5.7	1.9	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	53.2	4.4	2.3	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	50.3	4.1	2.1	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	100.	10.	5.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	2.90	0.09	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	3.91	0.40	0.16	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +/- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: _____

Nidal Jadalla

7/20/2009

Supervisor, Radiochemistry Section

SMC-32

NEW MEXICO DEPARTMENT OF HEALTH		CHEMISTRY BUREAU Scientific Laboratory Division 700 Camino de Salud NE - PO Box 4700 Albuquerque, NM 87196 - 4700 Phone 505 841 2500		ANALYTICAL REQUEST FORM (INTERACTIVE)	
One Form Per Sample		One Form Per Sample		RC0900061	
LAB USE>>> 09 APR -3 PM 12:58 DATE ONLY		DATE <<<TIME STAMP		55321 (GWB - remediation superfund) 55410 (GWB - pollution prevention) 55910 (SWQB - MS) 55920 (SWQB - PSRS)	
LAB USE - SAMPLE TEMPERATURE (deg. C): 11		SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3		55000 (DWB - SDWA - fee-for-service) 55420 (DWB - non-reg. contaminants) 64000 (Individual client fee-for-service) OTHER (enter 5-digit user code)	
SUBMITTER CODE (3-digit): 541		WSS ID (xxxxxxxx):		FACILITY ID:	
FACILITY / WSS NAME:		San Mateo Creek Basin Site Investigation			
FACILITY LOCATION (if no WSS complete boxes):		County: McKinley/Cibola		City: Milan State: NM, or change to: NM	
SAMPLING LOCATION:		SMC-32			
DATE COLLECTED (MM-DD-YY): 04/01/09		BY (First Last) Name: EARLE DIXON		TIME COLLECTED (HH:MM 24-hr): 1322	
SAMPLE INFO CONTACT Phone: 476-3777		Name if not collector: David L. Mayerson		Address: 1190 St. Francis Dr. N2300	
New / Change Address for Submitter		Name:		City: Santa Fe, NM 87502	
New / Change Address for WSS / Client		Address:		City:	
Send an additional report to		City:		City:	
FIELD DATA AND REMARKS		Non-chlorinated Chlorinated Residual (mg/l):		pH: Conductivity (uS/cm): Temperature (deg. C):	
Field remarks:					
SAMPLING DOCUMENTATION		NMED monitoring Compliance Non-compliance Split with facility Grab sample Composite			
Finished water Raw water Confirmation Other Describe:					
SAMPLE TYPE		Filtered water Non-filtered water Soil/Sediment Sludge Blood Urine Tissue Saliva Swipe/Smear			
Other air/liquid/solid Describe:					
PRESERVATION		None Shipped at < 4 C HCl added to pH < 2 HNO3 added to pH < 2 H2SO4 added to pH < 2 Asc. acid added			
Lab to acidify NaOH added to pH > 12 Other Describe:		lab to acidify			
HM ANALYSES LIST					
OR ANALYSES LIST					
RC ANALYSES LIST		803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)			
WC ANALYSES LIST					
ADDITIONAL ANALYSES					
FOR LAB USE		Field preservation confirmed Preserved to pH > 12 at Lab Preserved to pH < 2 at Lab Date/Initial: 3 Apr 09 JDE			
Lab Remarks:					

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____
Date Time
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____
Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____
Date Time
was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____
Signature Signature

Print Form

Form last modified on 12/23/08

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 3, 2008

Request

ID No. 2419435

ANALYTICAL REPORT

SLD Accession No. RC-2008-0338

Distribution

(x) User 55321
(x) Submitter 541
Client -
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on September 17, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 9/16/2008	By: MAYERSON, DAVID	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 13:56	In/Near: Milan	BWSI-33

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	12.1	1.3	1.4	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	15.5	1.7	1.9	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	14.4	1.7	2.3	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	13.8	1.6	2.3	pCi/L	Crowell	SM 7110 B
07440-61-1	Uranium, Mass Concentration	22.	2.2	1.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.20	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.12	0.10	0.16	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

12/3/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

2419435

One Form
Per SampleScientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500One Form
Per Sample

Lab Accession # Here

RC0800338

LAB USE>>> 08 SEP 17 PM 1:58
ONLYDATE
TIME
STAMP☒ 55321 (GWB - remediation superfund)☐ 55410 (GWB - pollution prevention)☐ 55910 (SWQB - MS)☐ 55920 (SWQB - PSRS)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55420 (DWB - non-reg. contaminants)☐ 64000 (Individual client fee-for-service)☐ OTHER (enter 5-digit user code)

LAB USE - SAMPLE TEMPERATURE (deg. C):

10

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2)

3

SUBMITTER CODE (3-digit):

541

WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME:

Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION:

BWSI-33

DATE COLLECTED (MM-DD-YY):

09/16/2008

BY:

Last Name:

Mayerson

TIME COLLECTED (HH:MM 24-hr):

1356

First Name:

David

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA

☒ Non-chlorinated☐ Chlorinated

Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

REMARKS

Field remarks:

SAMPLING

☒ NMED monitoring☐ Compliance☐ Non-compliance☐ Split with facility☐ Grab sample☐ Composite

DOCUMENTATION

☐ Finished water☐ Raw water☐ Confirmation☒ Other

Describe: site characterization

SAMPLE

☐ Filtered water☒ Non-filtered water☐ Soil/Sediment☐ Sludge☐ Blood☐ Urine☐ Tissue☐ Saliva

TYPE

☐ Other air/liquid/solid

Describe:

PRESERVATION

☒ None☒ Shipped at < 4 C☐ HCl added to pH < 2☐ HNO₃ added to pH < 2☐ H₂SO₄ added to pH < 2☐ Asc. acid added☒ Lab to acidify☐ NaOH added to pH > 12☐ Other

Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR

☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

17 Sep 08 / JME

LAB

USE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 9/17/08 at 1:59 PM the sample identified on the container(s) and this form by Request ID number 2419435was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Print Form

Form last modified on 03/17/08

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 23, 2008

Request

ID No. 2419420

ANALYTICAL REPORT

SLD Accession No. RC-2008-0283

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: BALL, JUSTIN	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 11:43	In/Near: Milan	BWSI-34

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	22.8	1.8	1.4	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	27.1	2.1	1.7	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	15.9	1.8	2.3	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	15.6	1.7	2.2	pCi/L	Crowell	900
07440-61-1	Uranium, Mass Concentration	52.	5.2	2.0	ug/L	Patel	200.8
13982-63-3	Radium-226, SDWA Method	0.05	0.01	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.08	0.10	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as + one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".



Reviewed By:

Nidal Jadalla

10/23/2008

Supervisor, Radiochemistry Section

NEW		CO DEPARTMENT OF HEALTH		CHEMISTRY BUREAU		ANALYTICAL REQUEST FORM (INTERACTIVE)	
Request ID # Here				Scientific Laboratory Division 700 Camino de Salud NE - PO Box 4700 Albuquerque, NM 87196 - 4700 Phone 505 841 2500		Lab Accession # Here	
One Form Per Sample				One Form Per Sample		RC0800283	
LAB USE> ONLY 2419420		DATE <<<TIME STAMP		<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)		<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)	
LAB USE - SAMPLE TEMPERATURE (deg. C): 14		SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3		SUBMITTER CODE (3-digit): 541		WSS CODE (xxxxxxx):	
FACILITY / WSS NAME:		Bluewater uranium mill CERCLIS ID NMD007106891					
FACILITY LOCATION (if no WSS complete boxes):		County: Cibola		City: Milan		State: NM, or change to: NM	
SAMPLING LOCATION:		BWSI-34					
DATE COLLECTED (MM-DD-YY): 8/27/08		BY: Last Name: Ball		First Name: Justin			
TIME COLLECTED (HH:MM 24-hr): 11:43		SAMPLE INFO CONTACT Phone: 476-3777		Name if not collector: David L. Mayerson			
<input type="checkbox"/> New / Change Address for Submitter <input type="checkbox"/> New / Change Address for WSS / Client <input type="checkbox"/> Send an additional report to		Name: NMED/GWQB/SOS		Address: 1190 St. Francis Dr. N2300		City: Santa Fe, NM 87502	
FIELD DATA AND REMARKS		<input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated <input type="radio"/> Residual (mg/l):		pH:		Conductivity (uS/cm):	
Field remarks:							
SAMPLING DOCUMENTATION		<input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite <input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization					
SAMPLE TYPE		<input type="radio"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="radio"/> Soil/Sediment <input type="radio"/> Sludge <input type="radio"/> Blood <input type="radio"/> Urine <input type="radio"/> Tissue <input type="radio"/> Saliva <input type="radio"/> Swipe/Smear <input type="radio"/> Other air/liquid/solid Describe:					
PRESERVATION		<input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added <input type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:					
HM ANALYSES LIST							
OR ANALYSES LIST							
RC ANALYSES LIST		803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)					
WC ANALYSES LIST							
ADDITIONAL ANALYSES							
FOR LAB USE		<input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input checked="" type="checkbox"/> Preserved to pH < 2 at Lab		Date/Initial: 27 Aug 08/ME		Lab Remarks:	

Please use **CHAIN OF CUSTODY FORM** when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241942 was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud. NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

December 19, 2008

Request

ID No. 2419425

ANALYTICAL REPORT

SLD Accession No. RC-2008-0310

Distribution(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: BALL, JUSTIN	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 14:19	In/Near: Milan	BWSI-35

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	3.0	0.8	1.5	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	4.4	1.2	2.2	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	0.4	1.2	2.5	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	0.4	1.2	2.3	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.19	0.03	0.02	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.16	0.11	0.14	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

12/19/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per SampleOne Form
Per SampleLAB USE>>> ONLY
2419425
DATE <<< TIME STAMP☒ 55321 (GWB - remediation superfund)☐ 55000 (DWB - SL

RC0800310

☐ 55410 (GWB - pollution prevention)☐ 55420 (DWB - non-reg. contaminants)

LAB USE - SAMPLE TEMPERATURE (deg. C): 10

☐ 55910 (SWQB - MS)☐ 64000 (Individual client fee-for-service)

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3

☐ 55920 (SWQB - PSRS)☐ OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION: BWSI-35

DATE COLLECTED (MM-DD-YY):

08/27/08

BY: Last Name:

Bell

TIME COLLECTED (HH:MM 24-hr):

14:19

First Name:

Justin

SAMPLE INFO CONTACT Phone:

476-3777

Name if not collector:

David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA
AND
REMARKS☒ Non-chlorinated ☐ Chlorinated Residual (mg/l):

pH:

Conductivity (uS/cm):

Temperature (deg. C):

Field remarks:

SAMPLING
DOCUMENTATION☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear
☐ Other air/liquid/solid Describe:

PRESERVATION

☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added
☒ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR
LAB
USE☐ Field preservation confirmed☐ Preserved to pH > 12 at Lab☒ Preserved to pH < 2 at Lab

Date/Initial:

24 Aug 08 mc

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:52 the sample identified on the container(s) and this form by Request ID number 2419425

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Additional Transfer If Applicable

We, the undersigned, certify that on at the sample identified on the container(s) and this form by Request ID number

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by:

Signature

& Received by:

Signature

Print Form

Form last modified on 02/17/08

Reset Form

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419429

ANALYTICAL REPORT

SLD Accession No. RC-2008-0315

Distribution

(x) User 55321
(x) Submitter 541
. Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 29, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/28/2008	By: BALL, JUSTIN	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 9:00	In/Near: Milan	BWSI-38

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	-0.5	0.3	0.7	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	-0.4	0.3	0.7	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	-0.1	0.5	0.9	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	-0.1	0.5	1.0	pCi/L	Crowell	SM 7110 B
15262-20-1	Radium-228, SDWA Method	0.32	0.11	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as +- one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected"; as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By:

Nidal Jadalla

11/20/2008

Supervisor, Radiochemistry Section

NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here



2419429

One Form
Per SampleOne Form
Per Sample

RC0800315

LAB USE>>> ONLY 08 AUG 23 11:52	DATE <<<TIME STAMP	<input checked="" type="radio"/> 55321 (GWB - remediation superfund) <input type="radio"/> 55410 (GWB - pollution prevention) <input type="radio"/> 55910 (SWQB - MS) <input type="radio"/> 55920 (SWQB - PSRS)	<input type="radio"/> 55000 (DWB - SDWA - fee-for-service) <input type="radio"/> 55420 (DWB - non-reg. contaminants) <input type="radio"/> 64000 (Individual client fee-for-service) <input type="radio"/> OTHER (enter 5-digit user code)
LAB USE - SAMPLE TEMPERATURE (deg. C): 10			
SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3			
SUBMITTER CODE (3-digit): 541		WSS CODE (xxxxxxx):	
FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891		SITE ID (DWB = 4-digit, SWQB = 13-chars):	
FACILITY LOCATION (if no WSS complete boxes):		County: Cibola	City: Milan State: NM, or change to: NM
SAMPLING LOCATION: BWSI - 36			
DATE COLLECTED (MM-DD-YY): 08/28/08		BY: Last Name: Ball	
TIME COLLECTED (HH:MM 24-hr): 9:00		First Name: Justin	
SAMPLE INFO CONTACT Phone: 476-3777		Name if not collector: David L. Mayerson	
<input type="checkbox"/> New / Change Address for Submitter		Name: NMED/GWQB/SOS	
<input type="checkbox"/> New / Change Address for WSS / Client		Address: 1190 St. Francis Dr. N2300	
<input type="checkbox"/> Send an additional report to		City: Santa Fe, NM 87502	
FIELD DATA AND REMARKS		<input checked="" type="radio"/> Non-chlorinated <input type="radio"/> Chlorinated Residual (mg/l):	pH: Conductivity (uS/cm): Temperature (deg. C):
Field remarks:			
SAMPLING DOCUMENTATION <input checked="" type="checkbox"/> NMED monitoring <input type="checkbox"/> Compliance <input type="checkbox"/> Non-compliance <input type="checkbox"/> Split with facility <input type="checkbox"/> Grab sample <input type="checkbox"/> Composite			
<input type="checkbox"/> Finished water <input type="checkbox"/> Raw water <input type="checkbox"/> Confirmation <input checked="" type="checkbox"/> Other Describe: site characterization			
SAMPLE TYPE <input type="radio"/> Filtered water <input checked="" type="radio"/> Non-filtered water <input type="radio"/> Soil/Sediment <input type="radio"/> Sludge <input type="radio"/> Blood <input type="radio"/> Urine <input type="radio"/> Tissue <input type="radio"/> Saliva <input type="radio"/> Swipe/Smear			
<input type="radio"/> Other air/liquid/solid Describe:			
PRESERVATION <input type="checkbox"/> None <input type="checkbox"/> Shipped at < 4 C <input type="checkbox"/> HCl added to pH < 2 <input checked="" type="checkbox"/> HNO ₃ added to pH < 2 <input type="checkbox"/> H ₂ SO ₄ added to pH < 2 <input type="checkbox"/> Asc. acid added			
<input checked="" type="checkbox"/> Lab to acidify <input type="checkbox"/> NaOH added to pH > 12 <input type="checkbox"/> Other Describe:			
HM ANALYSES LIST			
OR ANALYSES LIST			
RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)			
WC ANALYSES LIST			
ADDITIONAL ANALYSES			
FOR LAB USE <input type="checkbox"/> Field preservation confirmed <input type="checkbox"/> Preserved to pH > 12 at Lab <input checked="" type="checkbox"/> Preserved to pH < 2 at Lab Date/Initial: 29 Aug 08 MC			
Lab Remarks:			

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/29/08 at 11:52 the sample identified on the container(s) and this form by Request ID number 2419429 was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☒ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____ was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

Signature Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

November 21, 2008

Request

ID No. 2419413

ANALYTICAL REPORT

SLD Accession No. RC-2008-0294

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED - Ground Water Pollution Preventio
P.O. Box 26110
Santa Fe, NM 87502User: NMED GWQ Bureau Abatement and Assessm
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/26/2008	By: ,	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 12:44	In/Near: Milan	BWSI-39

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	2.5	0.8	1.6	pCi/L	Crowell	SM 7110 B
12587-46-1	Gross Alpha w/ U-nat Reference	2.8	0.9	1.9	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Cs-137 Reference	16.0	1.4	2.0	pCi/L	Crowell	SM 7110 B
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	15.8	1.4	2.0	pCi/L	Crowell	SM 7110 B
13982-63-3	Radium-226, SDWA Method	0.21	0.02	0.01	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.46	0.11	0.15	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

11/17/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

Request ID # Here

CHEMISTRY BUREAU

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

ANALYTICAL REQUEST FORM (INTERACTIVE)

One Form
Per Sample



RC0800294

LAB USE>>> ONLY
DATE <<<TIME STAMP
2419413

LAB USE - SAMPLE TEMPERATURE (deg. C): 9

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3

☒ 55321 (GWB - remediation superfund)☐ 55410 (GWB - pollution prevention)☐ 55910 (SWQB - MS)☐ 55920 (SWQB - PSRS)☐ 55000 (DWB - SDWA - fee-for-service)☐ 55420 (DWB - non-reg. contaminants)☐ 64000 (Individual client fee-for-service)☐ OTHER (enter 5-digit user code)

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes): County: Cibola City: Milan State: NM, or change to: NM

SAMPLING LOCATION: BWSI-39

DATE COLLECTED (MM-DD-YY): 8/26/08 BY: Last Name:

TIME COLLECTED (HH:MM 24-hr): 12:44 First Name:

SAMPLE INFO CONTACT Phone: 476-3777 Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter -----> Name: NMED/GWQB/SOS☐ New / Change Address for WSS / Client -----> Address: 1190 St. Francis Dr. N2300☐ Send an additional report to -----> City: Santa Fe, NM 87502FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

AND REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at < 4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST 803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08 / JTE

Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 2419413

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] Signature

& Received by: [Signature] Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ Signature

& Received by: _____ Signature

SCIENTIFIC LABORATORY DIVISION

P.O. Box 4700
Albuquerque, NM 87196700 Camino de Salud, NE
[505]-841-2500

RADIOCHEMISTRY SECTION [505]-841-2574

October 24, 2008

Request

ID No. 2419418

ANALYTICAL REPORT

SLD Accession No. RC-2008-0281

Distribution

(x) User 55321
(x) Submitter 541
Client 0-0
(x) SLD FilesTo: NMED GWQ Bureau Abatement and Asse
P.O. Box 26110
Santa Fe, NM 87502Submitter: NMED - Ground Water Pollution Prevention S
P.O. Box 26110
Santa Fe, NM 87502

Re: A(n) 'Water, Non-Filtered' sample submitted to this laboratory on August 27, 2008

Client:

SLD: Radiochemistry Section
Scientific Laboratory Division
700 Camino de Salud, NE
P.O. Box 4700
Albuquerque, NM 87196-4700

DEMOGRAPHIC DATA

COLLECTION		LOCATION
On: 8/27/2008	By: ORTELLI, ANGELO	Facility: BLUEWATER URANIUM MILL CERCLIS ID NMD007106891
At: 11:33	In/Near: Milan	BWSI-40

Analytical Results

CAS No.	Analyte	Value	Sigma	D. Lmt.	Units	Analyst	Method
12587-46-1	Gross Alpha w/ Am-241 Reference	4.0	0.6	0.9	pCi/L	Crowell	900
12587-46-1	Gross Alpha w/ U-nat Reference	4.6	0.7	1.0	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Cs-137 Reference	2.7	0.8	1.4	pCi/L	Crowell	900
12587-47-2	Gross Beta w/ Sr/Y-90 Reference	2.6	0.8	1.4	pCi/L	Crowell	900
13982-63-3	Radium-226, SDWA Method	0.19	0.03	0.02	pCi/L	Valdez	903.1
15262-20-1	Radium-228, SDWA Method	0.13	0.09	0.13	pCi/L	Ewing	904.0

Notations & Comments:

Uncertainties, sigmas, are expressed as \pm one standard deviation, i.e. one standard error. Small negative or positive values which are less than two(2) standard deviations should be interpreted as: "not detected": as "less than the detection limit (<d.Lmt.)" when reported; or "less than twice the standard deviation".

Reviewed By: 

Nidal Jadalla

10/24/2008

Supervisor, Radiochemistry Section



NEW MEXICO DEPARTMENT OF HEALTH

CHEMISTRY BUREAU

ANALYTICAL REQUEST FORM (INTERACTIVE)

Request ID # Here

Scientific Laboratory Division
700 Camino de Salud NE - PO Box 4700
Albuquerque, NM 87196 - 4700
Phone 505 841 2500

Lab Accession # Here

One Form
Per SampleOne Form
Per Sample

RC0800281

LAB
USE>>> 2419418
DATE
<<<TIME
ONLY STAMP

- ☒ 55321 (GWB - remediation superfund)
☐ 55410 (GWB - pollution prevention)
☐ 55910 (SWQB - MS)
☐ 55920 (SWQB - PSRS)

- ☐ 55000 (DWB - SDWA - fee-for-service)
☐ 55420 (DWB - non-reg. contaminants)
☐ 64000 (Individual client fee-for-service)
☐ OTHER (enter 5-digit user code)

LAB USE - SAMPLE TEMPERATURE (deg. C): 17

SAMPLE PRIORITY: (1, 2, 3 - call Lab if 1 or 2) 3

SUBMITTER CODE (3-digit): 541 WSS CODE (xxxxxxxx):

SITE ID (DWB = 4-digit, SWQB = 13-chars):

FACILITY / WSS NAME: Bluewater uranium mill CERCLIS ID NMD007106891

FACILITY LOCATION (if no WSS complete boxes):

County: Cibola

City: Milan

State: NM, or change to: NM

SAMPLING LOCATION: BWSI-40

DATE COLLECTED (MM-DD-YY): 8/27/08

BY: Last Name: Cortell:

TIME COLLECTED (HH:MM 24-hr): 11:33

First Name: Angelo

SAMPLE INFO CONTACT Phone: 476-3777

Name if not collector: David L. Mayerson

☐ New / Change Address for Submitter ----->

Name: NMED/GWQB/SOS

☐ New / Change Address for WSS / Client ----->

Address: 1190 St. Francis Dr. N2300

☐ Send an additional report to ----->

City: Santa Fe, NM 87502

FIELD DATA ☒ Non-chlorinated ☐ Chlorinated Residual (mg/l): pH: Conductivity (uS/cm): Temperature (deg. C):

REMARKS Field remarks:

SAMPLING DOCUMENTATION ☒ NMED monitoring ☐ Compliance ☐ Non-compliance ☐ Split with facility ☐ Grab sample ☐ Composite
☐ Finished water ☐ Raw water ☐ Confirmation ☒ Other Describe: site characterizationSAMPLE TYPE ☐ Filtered water ☒ Non-filtered water ☐ Soil/Sediment ☐ Sludge ☐ Blood ☐ Urine ☐ Tissue ☐ Saliva ☐ Swipe/Smear
☐ Other air/liquid/solid Describe:PRESERVATION ☐ None ☐ Shipped at <4 C ☐ HCl added to pH < 2 ☒ HNO₃ added to pH < 2 ☐ H₂SO₄ added to pH < 2 ☐ Asc. acid added
☐ Lab to acidify ☐ NaOH added to pH > 12 ☐ Other Describe:

HM ANALYSES LIST

OR ANALYSES LIST

RC ANALYSES LIST

803 SDWA sequential with Ra-228, 2 gal. (EPA 900.0/903.1/904.0, etc.)

WC ANALYSES LIST

ADDITIONAL ANALYSES

FOR LAB USE ☐ Field preservation confirmed ☐ Preserved to pH > 12 at Lab ☒ Preserved to pH < 2 at Lab Date/Initial: 27 Aug 08 / JLE
Lab Remarks:

Please use CHAIN OF CUSTODY FORM when requirements mandate

We, the undersigned, certify that on 8/27/08 at 15:35 the sample identified on the container(s) and this form by Request ID number 241941

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: [Signature] & Received by: [Signature]

Signature Signature

Additional Transfer If Applicable

We, the undersigned, certify that on _____ at _____ the sample identified on the container(s) and this form by Request ID number _____

was transferred with evidentiary seal(s) (check applicable box) ☐ Not Present ☐ Present & Intact ☐ Present & Damaged

Released by: _____ & Received by: _____

Signature Signature

Print Form

Form last modified on 03/17/08

Reset Form